



International Symposium for Environmental Science and Engineering Research (ISESER)

ISESER 2018 PROGRAM

- **General Presentation Time:** 10 minutes (max.)
- **General Symposium Program:**

| | | |
|---|----------------------|---------------------------------------|
| <i>May 11, 2018</i> | <i>13:00 – 17:00</i> | <i>Registration and Accommodation</i> |
| <i>May 12, 2018 Events</i> | <i>8:30 – 9:50</i> | <i>Opening Ceremony</i> |
| | <i>11:00 – 11:20</i> | <i>Coffee Break</i> |
| | <i>13:20 – 14:30</i> | <i>Lunch Break</i> |
| <i>May 12, 2018 Oral Presentation</i> | <i>10:00 – 11:00</i> | <i>Oral Presentations</i> |
| | <i>11:20 – 12:20</i> | <i>Oral Presentations</i> |
| | <i>12:20 – 13:20</i> | <i>Oral Presentations</i> |
| | <i>14:30 – 15:30</i> | <i>Oral Presentations</i> |
| | <i>15:30 – 17:30</i> | <i>Oral Presentations</i> |
| <i>May 12, 2018 Poster Presentation</i> | <i>10:00 – 12:00</i> | <i>Poster Presentations</i> |
| | <i>12:00 – 15:00</i> | <i>Poster Presentations</i> |
| | <i>15:00 – 17:00</i> | <i>Poster Presentations</i> |

- **Detailed info will be announced in ISESER official website (<https://iseser.com>).**

**The time allowed for presentation time may be shortened or extended due to programming constraints.*

ORAL PRESENTATIONS

ORAL SESSION I (10:00 - 11:00)

HALL-A

Chairs: Laura Shumka, Cigdem Ciftci, Fatma Kunt

| ABS. NO | TITLE | AUTHOR'S |
|---------|--|--|
| O 1 | AIR IMPURITY STUDY OF ELBASANI TOWN – ALBANIA. | ANILA JANÇE, VALENTIN BOGOEV, ADMIR JANÇE |
| O 20 | RELATIVE RATE OF DURABILITY TOWARDS INFLUENCE OF WATER IN STONE DEGRADATION | LAURA SHUMKA |
| O 24 | SOME SYSTEMATICS AND ECOLOGICAL DATA FOR TRUE BUGS (HEMIPTERA) IN SOME HABITATS IN FIERI (ALBANIA) | ELTJON HALIMI, ANILA PAPARISTO, ALBA MARA |
| O 25 | ORGANOCHLORINATED PESTICIDES AND PCB IN SOME MEDICINAL PLANTS FROM SOUTH-EAST ALBANIA | BLEDAR MURTAJ, AUREL NURO, JONIDASALIHILA |
| O 26 | WHAT CAN MULTI-BIOMARKER APPROACH TELLS US ABOUT THE IMPACT OF POLLUTION ON FRESHWATER BIOTA HEALTH? | VALBONA ALIKO, VALON MORINA, ELDORES SULA |
| O 27 | DOES EGG JELLY COAT INDUCE SPERM MOTILITY-FACTS FROM IN-VITRO FERTILIZATION OF ALBANIAN FROG, PELOPHYLAX SHQIPERICUS | TURANI BLERTA, ALIKO VALBONA |

HALL-B

| Chairs: Huseyin Deveci, Ozlem Sahin, Selim Dogan | | |
|---|---|---|
| ABS. NO | TITLE | AUTHOR'S |
| O 2 | MECHANICAL BEHAVIOR OF ENGINEERING CEMENTITIOUS COMPOSITES (ECC) CONTAINING FLY ASH AT HIGH RATES | ARIFE AKIN, AHMAD JAVID ZIA, ABDULKERİM İLGÜN, S. KAMIL AKIN |
| O 9 | THE USAGE OF ACRYLAMIDE BASED HYDROGELS REINFORCED WITH POTASSIUM HUMATE FOR REMOVAL OF METHYLENE BLUE FROM AQUEOUS SOLUTIONS | MEHMET GULTEKIN, ELIF YILMAZ, GULCIHAN GUZEL KAYA, HUSEYIN DEVECI |
| O 10 | CARBON NANOTUBE SUPPORTED PT, BI AND RU; SYNTHESIS AND ETHANOL ELECTROOXIDATION PERFORMANCE | AYKUT CAGLAR, HILAL KIVRAK, BERDAN ULAS, OZLEM SAHIN, NIZAR ALBOUNI |
| O 11 | HYDROGEN PEROXIDE SENSOR APPLICATION OF TI AND TINI CATALYSTS | AYKUT CAGLAR, HILAL KIVRAK, HILAL CELIK KAZICI, TARIK AYDOGMUS, NAHIT AKTAS |
| O 12 | ELECTROCHEMICAL CHARACTERIZATION OF PD-M (M: MN, ZN, V, CO) BIMETALLIC NANOPARTICLES FOR SENSOR APPLICATION | HILAL KIVRAK, BURAK YAPICI, OZLEM SAHIN |
| O 13 | CORE-SHELL NANOPARTICLES FOR DETECTION OF HYDROGEN PEROXIDE | OZLEM SAHIN, BURAK YAPICI, HILAL KIVRAK |

HALİL CİN HALL

| Chairs: Esra Yel, Gülnihal Kara, Muhammed Kamil Öden | | |
|---|---|--|
| ABS. NO | TITLE | AUTHOR'S |
| O 3 | GREENHOUSE GAS EMISSIONS FROM CEMENT INDUSTRY | GÜLNIHAL KARA, AYSUN İBİÇ, ESRA YAĞCIOĞLU |
| O 4 | THE STATUS OF GHGS EMISSIONS FROM LIVESTOCK MANURE IN KONYA/TURKEY | GÜLNIHAL KARA, İBRAHİM YALINIZ, MERVE SAYAR |
| O 5 | INFLUENCE OF SOME METEOROLOGICAL FACTORS ON AIR POLLUTION IN KONYA CITY | GÜLNIHAL KARA, BUSE YALÇINKAYA, BURCU ÖZDİL, ELIF AVCI |
| O 6 | DETERMINATION OF PUBLIC AWARENESS LEVELS ON AIR POLLUTION IN KONYA | GÜLNIHAL KARA, ÇIĞDEM BOZKURT, YASIN ÇAY |
| O 7 | AIR QUALITY MODELING WITH OPS MODEL | GÜLNIHAL KARA, OSMAN GHANİ, ABDULKARİM MOSAFER |
| O 8 | CLIMATE CHANGE IMPACTS ON WATER RESOURCES | BERNA APAYDIN, SELİM DOĞAN |

ORAL SESSION II
(11:20 - 12:20)

HALL-A

Chairs: Mustafa Işık, Aida Dervishi, Sukru Dursun

| ABS. NO | TITLE | AUTHOR'S |
|----------------|--|---|
| O 28 | EXTRUSION TECHNOLOGY OF EXTRUDE FEED OF RAINBOW TROUT (ONCHORYNCHYS MYKISS WALBAUM, 1792) | K. OUAISSA, A. KRITIH, Y. OUMESSOUD, A. MAYCHAL, M. HASNAOUI |
| O 29 | CARYOPHYLLACEAE HOLOCENE LAYOUT IN ELBASAN CITY – ALBANIA. | ADMIR JANÇE, ANILA JANÇE |
| O 30 | THE EFFECT OF OVA AGING ON EMBRYOS' SURVIVAL OF SILVER CARP | FATIMA-ZAHRA MAJDOUBI, ANOUAR OUIZGANE, MOHAMMED DROUSSI, MUSTAPHA HASNAOUI |
| O 31 | STUDY OF INTRA-VARIETAL DIVERSITY IN BIOTYPES OF ALBANIAN AUTOCHTHONOUS (VITIS VINIFERA L) CULTIVARS 'SHESH I BARDHË' AND 'SHESH I ZI' BY RAPD-PCR | AIDA DERVISHI, XHULJANA ARAPAJ, HAIRI ISMAILI |
| O 32 | AN EVOLUTIONARY FRAMEWORK ON MALADAPTIVE CONSUMPTION BEHAVIOURS | ANI BAJRAMI, FUNDIME MIRI, VALBONA ALIKO |
| O 33 | MOLECULAR CHARACTERIZATION OF ALBANIAN GRAPEVINE VARIETIES BY MICROSATELLITE MARKERS | ORNELA BOÇOVA, MIRELA LIKA (ÇEKANI), ADHURIM LAZAJ |

HALL-B

Chairs: Erol Pehlivan, Dilek Erdirençelebi, Serpil Edebalı

| ABS. NO | TITLE | AUTHOR'S |
|----------------|--|--|
| O 14 | ELECTRO-SPUN NYLON 6,6-ORGANOCLAY MATS FOR OIL-WATER SEPARATION | HAVVA TUTAR KAHRAMAN, ALEV KILINÇ, SIBEL KURTULUŞ, AHMET AVCI, EROL PEHLIVAN |
| O 15 | DESIGN AND EVALUATION OF ORGANO-MONTMORILLONITE NANOCLAY LOADED PVB/PAN NANOFIBROUS MEMBRANE WITH A SANDWICH STRUCTURE FOR HEAVY METAL REMOVAL | HAVVA TUTAR KAHRAMAN, ŞEYMA DAĞDUR, TUĞÇE DEDE, AHMET AVCI, EROL PEHLIVAN |
| O 16 | SANDWICH-TYPE N-OMMT CLAY INCORPORATED PVB/PAN NANOFIBROUS FUNCTIONALIZED MEMBRANE WITH HIGH OIL ABSORPTION CAPACITY | HAVVA TUTAR KAHRAMAN, TUĞÇE DEDE, ŞEYMA DAĞDUR, AHMET AVCI, EROL PEHLIVAN |
| O 17 | REMOVAL OF CR (VI) FROM AQUEOUS SOLUTIONS USING APRICOT STONE BASED ACTIVATED CARBON-IRON OXIDE MAGNETIC COMPOSITE | ŞERIFE PARLAYICI, EROL PEHLIVAN |
| O 18 | COMPARISON OF OLIVE STONE CHARCOAL AND ITS CHITOSAN MODIFIED MICROCAPSULES FOR THE REMOVAL OF CR(VI) | TÜRKAN ALTUN, SERPİL EDEBALI, YAKUP KAR |
| O 19 | CR(VI) REMOVAL FROM SYNTHETIC WASTEWATERS USING ALMOND SHELL CHARCOAL (AS400) AND CHITOSAN-COATED ALMOND SHELL CHARCOAL CROSS-LINKED WITH GLUTARALDEHYDE | SERPİL EDEBALI, TÜRKAN ALTUN, YAKUP KAR |

HALİL CİN HALL

Chairs: M. Emin Argun, Esra Yel, Çiğdem Çiftçi

| ABS. NO | TITLE | AUTHOR'S |
|---------|---|---|
| O 44 | MANAGEMENT PANEL APPLICATION FOR INTEGRATION OF INDUSTRIAL SYMBIOSIS TO INDUSTRY 4.0 | NAZIF KURT, AFRA ÖZGAN, EDA SAYGINER, M. EMIN ARGUN |
| O 46 | SUSTAINABILITY ASSESSMENT OF ENVIRONMENTAL LABORATORIES IN TURKEY USING ECO LABEL SYSTEM | GÜLNIHAL KARA, ABDUSSAMET KEDERSİZ, FATMANUR DOĞAN |
| O 47 | AKAGANEITE | BAHAR ZIŞAN GÜLTEKİN, RABIA YILDIRIM, ESRA YEL |
| O 48 | MAPPING APPROACH FOR DEVELOPMENT OF INDUSTRIAL SYMBIOSYS SYSTEMATICS: MARBLE INDUSTRY CASE STUDY | YUNUS EMRE ANDAÇ, ESRA YEL |
| O 49 | MOBILE APPLICATION PROJECT THAT MAKES ENVIRONMENTAL AUDITING MORE EFFICIENT AND PROVIDES LOCATION AND TIME DETAIL PHOTO SHARING | ERTUGRUL ESMERAY, SINAN SAVAS |
| O 50 | EVALUATION OF URBAN HEAT ISLAND INTERACTION WITH URBANIZATION IN KONYA CITY | ÇİĞDEM ÇİFTÇİ, ŞÜKRÜ DURSUN, FATMA KUNT, ZEYNEP CANSU AYTURAN |

ORAL SESSION III (12:20 - 13:20)

HALL-A

Chairs: Bilgehan Nas, Eda Güneş, Gülnihal Kara

| ABS. NO | TITLE | AUTHOR'S |
|---------|---|---|
| O 34 | TOXICITY ASSESSMENT OF NANOFIBER PREPARED WITH TARRAGON | EDA GÜNEŞ, MEHMET OKAN ERDAL |
| O 35 | REVIEW ON BIOREMEDIATION PROCESS OF A CRUDE OIL IN CONTAMINATED SOIL BY LEACHING AND TOXICITY ASSESSMENTS | MOSSTFA MAAROOOF, SUKRU DURSUN |
| O 53 | REUSE OF TREATED WASTEWATER FOR GOLF COURSES IRRIGATION: THE CASE OF ANTALYA (TURKEY) | CANSU SARAÇOĞLU, BILGEHAN NAS |
| O 54 | GETTING DRINKING WATER FROM SEA AND WASTEWATER: COST AND SOCIAL ANALYSIS | RAVZA MÜBERRER SAYICI, BILGEHAN NAS |
| O 55 | PUBLIC PARTICIPATION IN REUSE OF TREATED WASTEWATER | İLKNUR BERİKA GÖNÜL, NILÜFER KASAP, SEHER ARSLANALP, BILGEHAN NAS |
| O 56 | ENVIRONMENTAL RISKS IN INDUSTRIAL SECTOR HOW CAN IT BE MINIMIZED? | TUNA UZUN, BILGEHAN NAS |

HALL-B

Chairs: Musa Hakan Arslan, Meral Büyükyıldız, Muhammed Kamil Öden

| ABS. NO | TITLE | AUTHOR'S |
|---------|--|---|
| O 21 | PLASTIC SPACER USED IN FIELD CONCRETE AND ITS GAINS | CEYHUN AKSOYLU, İBRAHİM HAKKI ERKAN, MUSA HAKAN ARSLAN |
| O 22 | CORROSION DAMAGES IN STEEL STRUCTURES AND CORROSION PREVENTION METHODS | YASIN DUYSAK, GUNNUR YAVUZ |
| O 23 | EXPERIMENTAL AND NUMERICAL MODELLING OF HYDRAULIC STRUCTURES | ŞERİFE YURDAGÜL KUMCU |
| O 37 | INTELLIGENT SYSTEMS WHERE AIR, LIGHT AND NOISE POLLUTION IN THE CITY IS DETECTED AND SENT TO THE MANAGEMENT CENTER | EMRE DALKILIÇ, ŞÜKRÜ DURSUN |
| O 38 | WATER EFFICIENT TOOLS AND METHODS FOR DOMESTIC AND INDUSTRIAL USE | ESRA NUR BÖLÜKBAŞ, M. EMİN ARGUN, SELİM DOĞAN |
| O 39 | THE COMPARISON OF REFRACTION YEARS WITH THE TREND STARTING YEARS OF KONYA CITY PRECIPITATION | GÖKNUR ELİF YARBAŞI, ALİ İHSAN MARTI, MERAL BÜYÜKYILDIZ |

HALİL CİN HALL

Chairs: Dilek Erdirençelebi, Selim Doğan, Ahmet Kılıç, Merve Soğancıoğlu

| ABS. NO | TITLE | AUTHOR'S |
|---------|--|--|
| O 51 | INVESTIGATION OF SUSTAINABLE TRANSPORTATION STRATEGIES IN CAMPUS | ATAKAN ŞAHİN, MUHAMMED DOĞAN, SELİM DOĞAN |
| O 52 | HYDROPOWER POTENTIAL IN TURKEY WITH THE COMPARISON OF OTHER COUNTRIES | KEVSER AYAZ, SELİM DOĞAN |
| O 69 | BIOGAS PRODUCTION FROM FOOD WASTE | KÜBRA EDİK, SÜMEYRE KARATORAK, SAMET ÖZCAN, TOLGA BAHADIR, ŞEVKET TULUN, DOĞAN DEMİRAL, GAMZE SÖNMEZ, MUSTAFA IŞIK |
| O 72 | INVESTIGATION OF CO-DIGESTION POTENTIAL OF PRIMARY AND SECONDARY SEWAGE SLUDGE FRACTIONS WITH FOOD WASTE | FERİDE BAYAZIT, AYÇA LALE ALTUNGÖK, DİLEK ERDİRENÇELEBİ |
| O 73 | STUDY OF TOXICITY CONTROL STRATEGIES ON THE ANAEROBIC SLUDGE DIGESTION PROCESS AND STABILIZED SLUDGE QUALITY | AZİZE DURNA, MERVE SAAT, HİLAL DÜZGÜN, DİLEK ERDİRENÇELEBİ |
| O 74 | THERMOCHEMICAL RECYCLING OF AGRICULTURAL WASTES TO USEFUL PRODUCTS | VAHİD SARIALTIN, BÜŞRA KARAAĞAÇ, MERVE SOĞANCIOĞLU |

ORAL SESSION IV
(14:30 - 15:30)

HALL-A

Chairs: Spase Shumka, Sukru Dursun, Ahmet Kılıç

| ABS. NO | TITLE | AUTHOR'S |
|----------------|---|---|
| O 57 | FRESHWATER SPECIES INVASION: SPECIFIC PATTERNS OF DRESISSENA IN CASCADE RESERVOIRS OF DRINI RIVER IN THE NORTHERN ALBANIA | SPASE SHUMKA, LAURA SHUMKA |
| O 60 | DETECTION OF ANTI-IGE SPECIFIC FOR ALLERGIC DISORDERS THROUGH ALLEISASCREEN IMMUNOBLOT ASSAY | LEDIA VASJARI, MIRELA LIKA (ÇEKANI) |
| O 61 | ESTIMATION OF FOOD ALLERGIES THROUGH THE EIA TEST | LEDIA VASJARI, MIRELA LIKA (ÇEKANI) |
| O 62 | PRENATAL DETERMINATION OF FETAL RHESUS D STATUS IN ALLOIMMUNIZED RH D-NEGATIVE PREGNANT WOMEN | MERITA XHETANI |
| O 63 | EVALUATION OF NOISE POLLUTION IN URBAN AREAS, REVIEW STUDY | MINA NASEER QASIM, MOSSTFA MAAROOF, SUKRU DURSUN |
| O 68 | RECYCLING MANAGEMENT OF CONSTRUCTION WASTE RESULTING FROM THE HOSTILITIES | HASSAN O. M. TAWFIQ, OTHMAN ESSAM ABDEL WAHED |

HALL-B

Chairs: Meral Buyukyildiz, Selda Uzal Seyfi, Şerife Yurdagül Kumcu

| ABS. NO | TITLE | AUTHOR'S |
|----------------|--|---|
| O 40 | NON-PARAMETRIC TREND ANALYSIS ON KONYA CITY PRECIPITATION | GÖKNUR ELIF YARBAŞI, ALI İHSAN MARTI, MERAL BÜYÜKYILDIZ |
| O 41 | ESTIMATION OF MONTHLY PAN EVAPORATION USING ANFIS TECHNIQUE | AYSE OZEL, MERAL BUYUKYILDIZ |
| O 42 | DESIGN OF ENERGY DISSIPATION STRUCTURES OF IRRIGATION CHANNELS CONTROLLED BY HOWELL BUNGER VANES | ŞERIFE YURDAGÜL KUMCU |
| O 43 | PREDICTION OF DAILY MEAN AIR TEMPERATURE USING GRNN AND SVM MODELS | CIHANGIR KOYCEGIZ, MERAL BUYUKYILDIZ |
| O 45 | ESTIMATION OF SUSPENDED SEDIMENT LOAD BY MULTI LINEAR REGRESSION ANALYSIS | ABDULLAH ERDAL TÜMER, ŞERIFE YURDAGÜL KUMCU |
| O 58 | MANURE MANAGEMENT SYSTEMS OF DAIRY CATTLE FARMS IN ILGIN-KONYA AND ENVIRONMENTAL EFFECTS | EJDER DEMİR, SELDA UZAL SEYFİ |

HALİL CİN HALL

Chairs: Mehmet Emin Argun, Murat Olgun, Merve Soğancıoğlu

| ABS. NO | TITLE | AUTHOR'S |
|---------|---|--|
| O 75 | RECOVERY APPLICATIONS OF WASTE FOUNDRY SAND | ESRA GÜLÇİN ÖZGÜR, MERVE SOĞANCIOĞLU |
| O 76 | USING OF TREATMENT SLUDGE FOR AGRICULTURE | MAKBULE CENGİZ, SEVDE SARIKAYA, MERVE SOĞANCIOĞLU |
| O 77 | PNEUMATIC WASTE COLLECTION SYSTEMS | MEVLANI SAĞDIÇ, SÜLEYMAN DEMİR, AHMET FARUK ALTAN, MEHMET EMİN ARGUN |
| O 78 | EXPERIMENTAL DETERMINATION OF THE EFFECT OF WASTE CARPET ON THE STRENGTH AND DEFORMATION AT FAILURE OF CLAYEY SOILS WITH FLY ASH AND CEMENT | MURAT OLGUN, EKREM BURAK TOKA |
| O 79 | USING OF FLY ASH INTO GROUTING MIXTURE | A. MOHAMMED, F. ARSLAN, M. ANNAYEV, E.B. TOKA, Y.YENGINAR, M. OLGUN |
| O 80 | EFFECTS OF FLY ASH AND SUPER PLASTICIZER ON STRENGTH OF SOIL-CEMENT MIXING MATERIALS | Ö. TAN, Y. YENGINAR, M. OLGUN |

ORAL SESSION V (15:30 - 17:30)

HALL-A

Chairs: Aurel Nuro, Sukru Dursun, Mustafa Karatas

| ABS. NO | TITLE | AUTHOR'S |
|---------|---|--|
| O 83 | EVALUATION OF FLAVOBACTERIUM PSYCHROPHILUM ABILITY OF BIOFILM FORMATION IN AQUACULTURE - MOROCCO. | ASSIA KRITHI, KHADIJA OUAISSA, ABDEL AZIZ MAYCHAL, YOUNESS OUMESSAOUD, MUSTAPHA HASNAOUI |
| O 84 | THE BIODEGRADATION PROCESSES OF OIL LEAKAGE, REVIEW STUDY | MOSSTFA MAAROOF, WOROD AL-HAJAR |
| O 86 | HYDROCHEMICAL AND PIEZOMETRIC STUDY OF THE ALLUVIAL AQUIFER OF THE GUERRARA REGION, ALGERIA | MOHAMED ABDELMALEK KHEMGANI, BAELHADJ HAMDI AISSA, ABDRAUL ALOMRAN |
| O 88 | ORGANIC POLLUTANTS IN SURFACE WATERS OF ERSEKA REGION, ALBANIA | AUREL NURO, BLENDAR MURTAJ |
| O 89 | MODIFICATIONS ON TiO ₂ FOR IMPROVING PHOTOCATALYTIC ACTIVITY | ZEYNEP CANSU AYTURAN, ŞÜKRÜ DURSUN |
| O 90 | CHEMICAL CHARACTERISATION OF ESSENTIAL OIL FOR SATUREA MONTANA POPULATION FROM BURRELI, ALBANIA | JONIDA SALIHILA, AUREL NURO |
| O 70 | ASSESSMENT OF SUSTAINABLE ZERO WASTE STRATEGIES AND INTEGRATION OF THE COUNTRY | FATMANUR SARIKAYA |
| O 36 | ENVIRONMENTAL TAXATION – THE EFFECTS ON ENVIRONMENTAL EFFECTIVENESS AND ECONOMIC EFFICIENCY | FLORA MERKO, SUKRU DURSUN, FLORJON MERKO |

HALL-B**Chairs:** Asli Karakas, Selda Uzal Seyfi, Muhammed Kamil Öden

| ABS. NO | TITLE | AUTHOR'S |
|----------------|---|---|
| O 64 | MOLECULAR STRUCTURE AND SECOND-ORDER NONLINEAR OPTICAL PHENOMENA OF 4-NITROPHENYLMETHYL-4-METHOXY BENZOATE | AYSUN GOZUTOK, MUSTAFA KARAKAYA, YUSUF CEYLAN, NURETDIN EREN, MEHMET TASER, MEHMET HAKAN COLPAN, ASLI KARAKAS |
| O 65 | COMPUTATIONS ON STATIC LINEAR POLARIZABILITY, FIRST HYPERPOLARIZABILITY, FIRST AND SECOND FRONTIER MOLECULAR ORBITALS OF N-(4-AMINOBENZENESULFONYL) ACETAMIDE | AYSUN GOZUTOK, MUSTAFA KARAKAYA, YUSUF CEYLAN, NURETDIN EREN, MEHMET TASER, MEHMET HAKAN COLPAN, ASLI KARAKAS |
| O 66 | THEORETICAL STUDIES ON LINEAR OPTICAL CHARACTERIZATION OF 4-NITROPHENYL CARBAMIC ACID ETHYLESTER | BERNA BETUL TERLEMEZ, MUSTAFA KARAKAYA, AYSUN GOZUTOK, YUSUF CEYLAN, MEHMET TASER, NURETDIN EREN, MEHMET HAKAN COLPAN, ASLI KARAKAS |
| O 67 | AB-INITIO COMPUTATIONS ON ELECTRIC DIPOLE MOMENT, DIPOLE POLARIZABILITY AND VERTICAL TRANSITION WAVELENGTHS OF ISOPROPYL-4-(4-METHOXYPHENYL METHYLAMINO) BENZOATE | BERNA BETUL TERLEMEZ, MUSTAFA KARAKAYA, AYSUN GOZUTOK, YUSUF CEYLAN, NURETDIN EREN, MEHMET TASER, MEHMET HAKAN COLPAN, ASLI KARAKAS |
| O 95 | ECOTOURISM IN TURKEY AND THE WORLD: SOCIAL, CULTURAL AND ECONOMIC BENEFITS | FUNDA ÜNAL ANKAYA, KÜBRA YAZICI, GÖKHAN BALIK, BAHRIYE GÜLGÜN ASLAN |
| O 96 | THE RESEARCH ON THE LIGHTING IN PLANT DESIGN | KÜBRA YAZICI, FUNDA ÜNAL ANKAYA, BAHRIYE GÜLGÜN ASLAN |
| O 97 | THE INFLUENCE OF THE ENVIRONMENTAL MANAGEMENT SYSTEM ON THE ENVIRONMENTAL IMPACT OF AIRPORTS | FUNDA ÜNAL ANKAYA, KÜBRA YAZICI, BAHRIYE GÜLGÜN ASLAN |
| O 98 | THE OLYMPIC VILLAGES AND THEIR BENEFITS FOR THE COUNTRIES IN THE EXAMPLES OF TURKEY AND OTHERS | BAHRIYE GÜLGÜN ASLAN, KÜBRA YAZICI, FUNDA ÜNAL ANKAYA, GÖKHAN BALIK |
| O 92 | THE SITUATION OF AGRICULTURE AND PERSPECTIVES TO DEVELOP SUSTAINABLE AGROECOSYSTEMS IN ALBANIA | HYSEN MANKOLLI, SUKRU DURSUN |

HALİL CİN HALL

Chairs: Mehmet Emin Argun, Mustafa Işık, Güler Göçmez

| ABS. NO | TITLE | AUTHOR'S |
|----------------|--|---|
| O 81 | COLOR REMOVAL FROM LEACHATE BY PHOTO-FENTON PROCESS | BUĞRA KÖKEN, GÖKHAN AKYAZ, HABIBULLAH RAFI, MEHMET EMIN ARGUN |
| O 82 | TREATMENT OF SOLID WASTE LANDFILL LEACHATE BY FENTON OXIDATION | AYŞE SIMAY ÖZCAN, TOLGA NAVRUZ, HAVVA ATEŞ, MEHMET EMIN ARGUN |
| O 85 | ODOR PROBLEMS IN WASTEWATER TREATMENT PLANTS IN TURKEY | GÜLNIHAL KARA, ZEYNEP AKBULUT, AYŞE NUR TOPAK |
| O 87 | THE IMPORTANCE OF WATER AND WASTEWATER TREATMENT OF ELECTROOXIDATION PROCESS | HAKKI ÜNLÜ, EMRE GÖKKAYA |
| O 91 | THE EVALUATION OF HOT WATERS FOR THE HYDROCHEMICAL AND POLLUTION OF ILICA KAPLICASI (KAHRAMANMARAŞ) | GÜLER GÖÇMEZ, HILAL GÜVEN |
| O 71 | UTILIZATON OF SEWAGE SLUDGE IN AGRICULTURAL LAND | ÜMMÜGÜLSÜM GÜNAY, ŞÜKRÜ DURSUN |
| O 59 | KONYA SUGAR INDUSTRY AND TRADE INC. STRUCTURAL CHARACTERISTICS OF DAIRY CATTLE FARMS | ABDÜLKADIR SERDAR ÖNAL, SELDA UZAL SEYFİ |
| O 93 | INVESTIGATION OF POLYCYCLIC AROMATICS HYDROCARBON (PAH) POLLUTION IN PAZARSUYU STREAM (GİRESUN, TURKEY) | OZLEM TUNC DEDE, MELIKE SEZER, SEVTAP KARAKURT |
| O 94 | INVESTIGATION OF HEAVY METAL POLLUTION IN KARADERE STREAM (TRABZON, TURKEY) BY USING HEAVY METAL POLLUTION INDEX MODEL | OZLEM TUNC DEDE, MELIKE SEZER, SEVTAP KARAKURT |

POSTER PRESENTATIONS

POSTER SESSION I

(10:00 - 12:00)

POSTER HALL

Chairs: Bilegan Nas, Selim Dogan, Gamze Dinç

| ABS. NO | TITLE | AUTHOR'S |
|---------|--|--|
| P 1 | INVESTIGATION OF KARABÜK CITY CENTRE AIR QUALITY LEVEL | OĞUZHAN BAL, QANDAGHA DOULATZAI, SUKRU DURSUN |
| P 2 | GREENHOUSE GASES EMISSIONS AND LEVELS | KEMAL SARI, SEVDA OCAK |
| P 3 | HEAVY METALS POLLUTION IN AIR AND SOIL | TOLGAHAN SEVEN, BÜŞRA CAN, BEGÜM NUR DARENDE, SEVDA OCAK |
| P 4 | MINING ACTIVITIES AND AIR POLLUTION | SEVDA OCAK |
| P 5 | CLIMATE CHANGE IMPACTS ON INFRASTRUCTURE OF KONYA | ESRA BIRCAN, DAMLA EŞİN İŞİKOĞULLARI, SELİM DOĞAN |
| P 6 | SPATIAL DISTRIBUTION OF AIR POLLUTANTS MEASURED BY THE MINISTRY OF ENVIRONMENT AND URBANIZATION IN KONYA REGION | AYSE KALAYCI, SUKRU DURSUN |
| P 7 | THEORETICAL INVESTIGATIONS ON STATIC FIRST HYPERPOLARIZABILITIES OF N,N'-DIBENZYLIDENE-4-BROMOBENZENE-1,2-DIAMINE | ZIYA ERDEM KOC, MUSTAFA KARAKAYA, YUSUF CEYLAN, NURETDİN EREN, MEHMET TASER, AYSUN GOZUTOK, ASLI KARAKAS |
| P 8 | COMPUTATIONAL STUDIES ON ELECTRIC DIPOLE MOMENT AND QUADRATIC HYPERPOLARIZABILITY OF (5-BROMOPYRIDINE-2,3-DIYL)BIS(SALICYLIDENEAMIN) | ZIYA ERDEM KOC, AYSUN GOZUTOK, YUSUF CEYLAN, NURETDİN EREN, MEHMET TASER, MUSTAFA KARAKAYA, ASLI KARAKAS |
| P 9 | QUANTUM CHEMICAL COMPUTATIONS ON LINEAR OPTICAL PHENOMENA OF 2,2'-(6-CHLORO-1,3,5-TRIAZINE-2,4-DIYL)BIS(AZANEDIYL)DIPYRIDIN-3-OL | ZIYA ERDEM KOC, AYSUN GOZUTOK, YUSUF CEYLAN, NURETDİN EREN, MEHMET TASER, MUSTAFA KARAKAYA, ASLI KARAKAS |
| P 10 | RECOVERY OF WASTEWATER IN ÇANKIRI FOR AGRICULTURAL IRRIGATION | GÜLCE BILGIN, BÜŞRA VURGUN, DILEK ERDİRENÇEBİ |
| P 11 | DRINKING WATER SUPPLY FROM SEA WATER USING SOLAR ENERGY | ABDÜSSAMET İNAL, DILEK ERDİRENÇEBİ |
| P 12 | EFFECTS OF CLIMATE CHANGE AND DROUGHT ON KONYA | ESAT BAHADIR PATLAR, ŞÜKRÜ DURSUN |
| P 13 | COMPARISON OF ENVIRONMENTAL IMPACTS OF MEERSCHAUM INDUSTRY WITH OTHER INDUSTRIAL WORKS IN ESKİŞEHİR | KÜBRA EROL, SEDA DEMİR |
| P 14 | A NEW APPROACH FOR ASSESSMENT OF CONSTRUCTION AND DEMOLITION WASTES IN KONYA | GAMZE KIZILCALIOĞLU, BAYRAM SARIDUGAN, MERVE SOĞANCIOĞLU |
| P 15 | AERATING AND ELECTRICITY PRODUCING SYSTEM IN WATER TREATMENT | MERVE GÜZEL, MUSTAFA GÜNGÖR, SEHER GÜREL |
| P 16 | EFFECTS, LEVELS AND REMOVAL METHODS OF PHARMACEUTICALS IN WASTEWATER | ESMA DEMİRKİRAN, GÖNÜL BAL, BİLGEHAN NAS |
| P 17 | RAINWATER HARVESTING FROM STADIUMS | KÜBRA AYŞEGÜL KALA, SELİM DOĞAN |
| P 18 | SABOTAGE RISK AND PROTECTION MEASURES FOR DRINKING WATERS | SIMGENUR ATAŞ, SELİM DOĞAN |
| P 19 | SUSTAINABLE WATER AND WASTE MANAGEMENT STRATEGY FOR CAMPUS | AHMET BOZKURT, SELİM DOĞAN |

POSTER SESSION II
(12:00 - 15:00)

POSTER HALL

Chairs: M. Emin Argun, Gülnihal Kara, Hamza Aysan

| ABS. NO | TITLE | AUTHOR'S |
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| P 20 | INVESTIGATION OF SUDDEN INCREASE OF WARMTH IN CANAKKALE | GAMZE BOZTEPE, SELIM DOĞAN |
| P 21 | RECOVERY OF WASTEWATER IN MARBLE PROCESSING INDUSTRY | MEHMET TARIK MIZIKACI, MUSTAFA EMRE ÇELEBI, SELIM DOĞAN |
| P 22 | WASTE VEGETABLE OIL POTENTIAL IN SHOPPING MALLS OF KONYA | YUSUF MUTLU, SELIM DOĞAN |
| P 23 | METHODS AND DESIGNS THAT CAN BE USED TO KEEP RAINWATER FROM FLOWING INTO THE URBAN AREA | MUSTAFA YILMAZ |
| P 24 | GASTRONOMY 4.0 | EDA GÜNEŞ, ŞEYMA BÜYÜKZEREN, ŞERİFE BİÇER BAYRAM, HÜSEYİN AĞAN, BEYZA OKUR, H. FERHAN NİZAMLIOĞLU |
| P 25 | AGRICULTURAL SEED CONTAINING HYDROGEL | MEVLÜT YEŞİL, ESRA ŞAKLAK, SEZEN KÜÇÜKÇONGAR |
| P 26 | INVESTIGATION OF OCCUPATIONAL HEALTH AND SAFETY PRACTICES | ALI YEKTAŞ, YUNUS FURKAN KIRAL, SEZEN KÜÇÜKÇONGAR |
| P 27 | EVALUATION OF ENVIRONMENTAL NOISE OF INDUSTRIAL AREA IN VAN CITY CENTER | ŞEYDA KARAMAN, ŞÜKRÜ DURSUN |
| P 28 | MEASUREMENT OF NOISE POLLUTION SHOPPING CENTRE AND AROUND SELÇUKLU REGION IN KONYA | HASIBE BÜŞRA KOZAN, FATMA NUR KARAKAYA, ŞÜKRÜ DURSUN |
| P 29 | THE INVESTIGATION OF FIRST HYPERPOLARIZABILITIES OF BENZALDEHYDE-4-NITRO PHENYL HYDRAZONE DERIVATIVE | AYSENUR ORDUKAYA, MUSTAFA KARAKAYA, YUSUF CEYLAN, NURETDİN EREN, MEHMET TASER, AYSUN GOZUTOK, ASLI KARAKAS |
| P 30 | STATIC LINEAR POLARIZABILITY AND FIRST HYPERPOLARIZABILITY VALUES OF ACETYLENIC LINKAGE HAVING DONOR-ACCEPTOR GROUPS | MEHMET TASER, MUSTAFA KARAKAYA, YUSUF CEYLAN, NURETDİN EREN, MEHMET HAKAN COLPAN, AYSUN GOZUTOK, ASLI KARAKAS |
| P 31 | COMPUTATIONAL STUDY ON DIPOLE POLARIZABILITIES AND ONE-PHOTON ABSORPTION WAVELENGTHS OF ETHYLENIC LINKAGE WITH DONOR-ACCEPTOR SUBSTITUENTS | MEHMET TASER, MUSTAFA KARAKAYA, YUSUF CEYLAN, NURETDİN EREN, MEHMET HAKAN COLPAN, AYSUN GOZUTOK, ASLI KARAKAS |
| P 32 | QUANTUM CHEMICAL CALCULATION OF SECOND-ORDER NONLINEAR OPTICAL PROPERTIES OF 2-FURYL METHACRYLIC ANHYDRIDE | NURETDİN EREN, MUSTAFA KARAKAYA, YUSUF CEYLAN, MEHMET TASER, MEHMET HAKAN COLPAN, AYSUN GOZUTOK, ASLI KARAKAS |
| P 33 | DFT METHODOLOGIES FOR COMPUTING DIPOLE POLARIZABILITIES, FIRST AND SECOND FRONTIER MOLECULAR ORBITAL ENERGIES OF METHYL-3-(P-NITROPHENYL) CARBAZATE | NURETDİN EREN, MUSTAFA KARAKAYA, YUSUF CEYLAN, MEHMET TASER, MEHMET HAKAN COLPAN, AYSUN GOZUTOK, ASLI KARAKAS |

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| P 34 | ONE-PHOTON ABSORPTION WAVELENGTHS, ELECTRIC DIPOLE MOMENT AND FIRST HYPERPOLARIZABILITY OF BENZALBARBITURIC ACID DERIVATIVE WITH DONOR SUBSTITUENT | SEYDA KAPLAN, MUSTAFA KARAKAYA, AYSUN GOZUTOK, YUSUF CEYLAN, NURETDIN EREN, MEHMET TASER, ASLI KARAKAS |
| P 35 | DFT STUDIES ON VERTICAL TRANSITION WAVELENGTHS, ELECTRIC DIPOLE MOMENTS, FIRST AND SECOND FRONTIER MOLECULAR ORBITALS OF 4-AMINO-4-NITRO DIPHENYL SULFIDE | SEYDA KAPLAN, MUSTAFA KARAKAYA, AYSUN GOZUTOK, YUSUF CEYLAN, NURETDIN EREN, MEHMET TASER, ASLI KARAKAS |
| P 36 | LINEAR AND SECOND-ORDER NONLINEAR OPTICAL BEHAVIOUR OF FLUORINE SUBSTITUTED THIENYL CHALCONE | YUSUF CEYLAN, MUSTAFA KARAKAYA, MEHMET TASER, NURETDIN EREN, MEHMET HAKAN COLPAN, AYSUN GOZUTOK, ASLI KARAKAS |
| P 37 | THEORETICAL INVESTIGATIONS ON FIRST AND SECOND FRONTIER MOLECULAR ORBITALS AND VERTICAL TRANSITION ENERGIES OF TRIFLUOROMETHYL CONTAINING STILBENE DERIVATIVE | YUSUF CEYLAN, MUSTAFA KARAKAYA, NURETDIN EREN, MEHMET TASER, MEHMET HAKAN COLPAN, AYSUN GOZUTOK, ASLI KARAKAS |
| P 38 | NITRITATION STUDY OF THE ANAEROBIC REJECT WATER | NALAN YILMAZ, ZIYNET ÇETİKAYA, AYSU SIVACI, MEHTAP ASLAN, DILEK ERDİRENÇELEBİ |

POSTER SESSION III
(15:00 - 17:00)

POSTER HALL

Chairs: Dilek Erdirençelebi, Esra Yel, Mehmet Türkyılmaz

| ABS. NO | TITLE | AUTHOR'S |
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| P 39 | MEDICAL WASTE MANAGEMENT IN TURKEY AND COMPARATIVE ANALYSIS WITH EUROPEAN UNION COUNTRIES | G. DUYGU GÜR, TUFAN YAMAN, MERVE SOĞANCIOĞLU |
| P 40 | BIOREACTOR APPLICATIONS IN MUNICIPAL SOLID WASTE LANDFILLS | MUHAMMED TAHA BERK, MERVE SOĞANCIOĞLU |
| P 41 | ENERGY RECOVERY FROM ANIMAL WASTES AND USING OF ENERGY | ONUR KÜPELİ, MERVE SOĞANCIOĞLU |
| P 42 | SOLAR DRYING OF DOMESTIC WASTE WATER TREATMENT PLANT SLUDGE FOR RECYCLING | ÖMER YILMAZ, MERVE SOĞANCIOĞLU |
| P 43 | GENERAL EVALUATION ON RECYCLING PROCESSES OF WASTE BATTERIES AND ACCUMULATORS | TARIK TUĞCU, MERVE SOĞANCIOĞLU |
| P 44 | ENERGY PRODUCTION FROM GASES OF SOLID WASTE LANDFILLS | YÜKSEL GÜRHAN, MERVE SOĞANCIOĞLU |
| P 45 | LAND USE OF WASTE WATER TREATMENT SLUDGE | T. ERSİN ÜNVER, ZEYNEP DALKILINÇ, N.BERAT BAĞCI, SUKRU DURSUN |
| P 46 | FORMATION OF PCDD/PCDF, ITS EFFECTS AND REMOVAL | FATMAGÜL ARACI, SENEM ÇAKMAK, BURCU NOYAN, SEVDA OCAK |
| P 47 | PETROLEUM POLLUTION AND ITS REMEDIATION METHODS | YAVUZ KARADAŞ, ALI COŞKUN, ALTAN EMRE BABUL, SEVDA OCAK |
| P 48 | PERSISTENT ORGANIC POLLUTANTS IN LANDFILL LEACHATE | AYLIN UÇAR, SEZEN KÜÇÜKÇONGAR |
| P 49 | THE EVALUATION OF DAIRY INDUSTRY WASTES | GÖKHAN DIKBAŞ, MUHAMMET FAHRI ALTINOK, SEZEN KÜÇÜKÇONGAR |

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| P 50 | COD REMOVAL FROM CHEESE PRODUCTION WASTEWATER WITH ULTRASOUND ASSISTED FENTON OXIDATION | HATICE ERGÜN, GÖKŞEN İREM SAĞBİLGE, MEHMET TÜRKYILMAZ, SEZEN KÜÇÜKÇONGAR |
| P 51 | COD REMOVAL FROM CHEESE PRODUCTION WASTEWATER WITH FENTON PROCESS | MERVE KARAKUŞ, ZEYNEP ALAGÖZ, MEHMET TÜRKYILMAZ, SEZEN KÜÇÜKÇONGAR |
| P 52 | COD REMOVAL FROM YOGHURT PRODUCTION WASTEWATER WITH ULTRASOUND ASSISTED FENTON OXIDATION METHOD | MUSTAFA SABIT HAYIRLIOĞLU, HÜSEYİN KELEŞ, MEHMET TÜRKYILMAZ, SEZEN KÜÇÜKÇONGAR |
| P 53 | COD REMOVAL WITH FENTON PROCESS FROM YOGHURT PRODUCTION WASTEWATER | SİDİKA ECE SÖNMEZ, HÜSEYİN DOĞAN, MEHMET TÜRKYILMAZ, SEZEN KÜÇÜKÇONGAR |
| P 54 | REVERSE OSMOSE+SOLAR ENERGY PLANT DESIGN FOR DESALINATION FOR KARAOGLANOGLU AND KARAKUM TOWN HOTELS IN CYPRUS | Mehmet ZEYBEK, DILEK ERDİRENÇELEBİ |
| P 55 | THE INFLUENCE OF ABIOTIC FACTORS ON THE RECONSTRUCTION OF THE BIOCOENOSIS AREAS POLLUTED WITH ORGANIC AND INORGANIC COMPOUNDS FROM THE LOWER SECTOR OF THE JIU | CIOBOIU OLIVIA, CISMAŞIU CARMEN-MĂDĂLINA |
| P 56 | STUDIES OF CHILODONELLA CYPRINI SIN. (PISCICOLA) INFECTION (CHILODONELLIDAE, CHILODONELLA) IN THE PREAJBA VALLEY RIVER BASIN (ROMANIA) | GOGA IONELIA CLAUDIA, MITITELU-IONUŞ OANA |
| P 57 | WATER RESOURCES AND CHARACTERISTICS FROM KAYAÖNÜ (KARAMAN-ERMENEK) | GÜLER GÖÇMEZ, MUZAFFER BAHÇIVAN |
| P 58 | EVALUATION OF REINFORCED ALTERNATIVES OF IZNIK AAT TREATED WASTE | ZEYNEP ÜLKER, BILGEHAN NAS |